



L Number		Search Text	DB	Time stamp
1	1483	correlat\$4 near2 equation	USPAT;	2003/10/07 18:46
			US-PGPUB;	
1	•		EPO; JPO;	
			DERWENT	
2	9	(correlat\$4 near2 equation) near3 modif\$4	USPAT;	2003/10/07 18:48
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	,
3	49	(correlat\$4 near2 equation) same modif\$4	USPAT;	2003/10/07 18:48
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
4	40	((correlat\$4 near2 equation) same	USPAT;	2003/10/07 20:30
		<pre>modif\$4) not ((correlat\$4 near2 equation)</pre>	US-PGPUB;	
		near3 modif\$4)	EPO; JPO;	
_			DERWENT	0000410407
5	12344	known adj sequence	USPAT;	2003/10/07 20:31
			US-PGPUB;	
			EPO; JPO;	
_	202065	annalaté4	DERWENT	2002/10/07 20:21
6	293065	correlat\$4	USPAT;	2003/10/07 20:31
			US-PGPUB;	
			EPO; JPO;	
7	103	(known adj sequence) near4 correlat\$4	DERWENT USPAT;	2003/10/07 20:31
'	103	(known ad) sequence) hear4 correlat\$4	•	2003/10/07 20:31
			US-PGPUB; EPO; JPO;	
			DERWENT	
8	2025330	buffer memory register	USPAT;	2003/10/07 20:32
"	2023330	bullet memory register	US-PGPUB;	2003/10/07 20:32
			EPO; JPO;	
			DERWENT	
9	8	((known adj sequence) near4 correlat\$4)	USPAT;	2003/10/07 20:38
-		same (buffer memory register)	US-PGPUB;	2000, 20, 0: 2000
		bane (barrer memory regreter)	EPO; JPO;	
			DERWENT	
10	595	correlat\$4 adj equation	USPAT;	2003/10/07 20:43
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
11	4	(correlat\$4 adj equation) near3 modif\$4	USPAT;	2003/10/07 20:39
1	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT	
12	0	(known adj sequence) same (correlat\$4 adj	USPAT	2003/10/07 20:40
1		equation)		
13	0	375/all	USPAT;	2003/10/07 20:43
			US-PGPUB;	
1			EPO; JPO;	
	_	0.000 ())	DERWENT	
14	0	375/all.ccls.	USPAT;	2003/10/07 20:43
			US-PGPUB;	
			EPO; JPO;	
1.5	43600	276 (01-	DERWENT	2002/10/07 00 ::
15	47609	375/\$.ccls.	USPAT;	2003/10/07 20:43
			US-PGPUB;	
			EPO; JPO;	
16	30	(correlated and counties) and 275/6 and	DERWENT	2002/10/07 20:42
16	30	(correlat\$4 adj equation) and 375/\$.ccls.	USPAT;	2003/10/07 20:43
1			US-PGPUB;	
1			EPO; JPO;	
L	L _.		DERWENT	l

Page 1

US-PAT-NO:

6424673

DOCUMENT-IDENTIFIER:

US 6424673 B1

TITLE:

Method and apparatus in a wireless

communication system

for facilitating detection of, and

synchronization with,

a predetermined synchronization

signal

----- KWIC -----

Detailed Description Text - DETX (37):
 and there are 4 samples per symbol. In the
cross-correlation equation
above, N is then 256. A straightforward calculation of the
cross-correlation
would thus require 256.times.2=512 memory locations, and
further would require
256 multiplications and 256 additions 0.25 microsecond.
This is equivalent to
1024 million instructions per second (MIPS).

Detailed Description Text - DETX (39):

where g.sub.s represents the symbol pulse. Substituting the right side of the above equation into the cross-correlation equation and simplifying the equation with the intent of reducing the memory and processing requirements

produces the following transformation. ##EQU11##

Current US Original Classification - CCOR (1): 375/149

Current US Cross Reference Classification - CCXR (2): 375/364